

DOH # 0100007-03

GW 12750

GPSd 10/29/96 CH

Scdded By Q 7/25/90  
Checked By DAE 6-17-91  
Entered By LJG  
Date 06-11-91

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 37  
County CHOCTAW  
Agency

Well No. D36

WELL RECORD

Ackerman Quad

Agency Code: U S G S Site Id: 1332223089111430111 Project No. 5

Station Name: 12 DO36 REFORM W I A Latitude: 9 3321223 Longitude: 10 08911143

Lat/Long Ac.: 11 (S) F T M Dist: 6=28 State: 7=28 County: 8 0119 SW SE Land Net: 13 SESE EIS 316 T 118 N R 110 E

Location Map: 14 ACKERMAN Altitude: 16 550 Met/Meas: 17 A L M Accuracy: 18 15 Hydrologic Unit: 20 0311810101011

153C

Agency Use: 803 A I Date Invented: 711 07/125/11990 Station Type: J Data Type: 804

Instru.: 805 Remarks: 806 Relia.: 3 (C) L M U 2 (M) X

Date of Construction: 21 11/120/11990 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 124 M L C X L Hole Depth: 27 1442

Well Depth: 28 1432 Water Level: 30 185 B Water Level Date: 31 11/20/11990 Method: 34 Status: 37 Source: 33 D

CONSTRUCTION DATA

Construction Date: 60 11/29/11990 Contractor: 63 0211 Name: Herndon Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

Top/Casing: 77 110 Bot/Casing: 78 392 Diameter: 79 110

Top/Casing: 77 327 Bot/Casing: 78 392 Diameter: 79

CONSTRUCTION OPENINGS DATA

Top/Depth: 83 392 Bot/Depth: 84 1132 Diameter: 87 16 Type: 85 S Length: 89 Width: 88 1920

Top/Depth: 83 Bot/Depth: 84 Diameter: 87 Type: 85 Length: 89 Width: 88

CONSTRUCTION LIFT DATA

Lift Type: 43 S Date: 38 11/20/11990 Intake: 44 3115

Power: 45 E H.P.: 46 30 Serial No.: 49 Reform Water Users Association, Inc.

MISCELLANEOUS OWNER DATA

Date of Ownership: 159 11/20/11990 Owner Name: 161 REFORM W I A

MISCELLANEOUS OTHER ID DATA

E-Log No.: 190 037 Assigner: 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / / / / / .	Aquifer Sampled 195 / / / / / / / / .	Temp 196#00010	Value 197 / / / / / .
R=192	T=A	738#2	Date of Measurement 1934 / / / / / / .	Aquifer Sampled 195 / / / / / / / / .	Sp Cond 196#00095	Value 197 / / / / / .
R=192	T=A	738#3	Date of Measurement 1934 / / / / / / .	Aquifer Sampled 195 / / / / / / / / .	pH 196#00400	Value 197 / / / / / .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Beg. Depth 200#   135   .	End Depth 201#   1437   .
R=198	T=A	739#2	Log Type 199#D	Beg. Depth 200#     10   .	End Depth 201#   1442   .

MISCELLANEOUS NETWORK DATA *706 = QW - WL - WD \**

R=114	T=A	730#1	Beg. Year 115#   9     .	End Year 116#   9     .	Agency Source 120=A*   117#         .	Freq. 118#     .
R=121	T=A	730#2	Beg. Year 115#   9     .	End Year 116#   9     .	Agency Source 117#         .	Freq. 118#     .

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# / / / / / / .	Remarks 185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148#   11   / 20   119#   10   .	Type 703# (P)	Discharge 150#   125#   .	Sp. Capacity 272#   12   17   .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#   137   15   .	Depth Bot. 92#   143   0   .	Unit Id 93#   12   4   W   L   C   K   4   .	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#             .	103#     .
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Well # 3

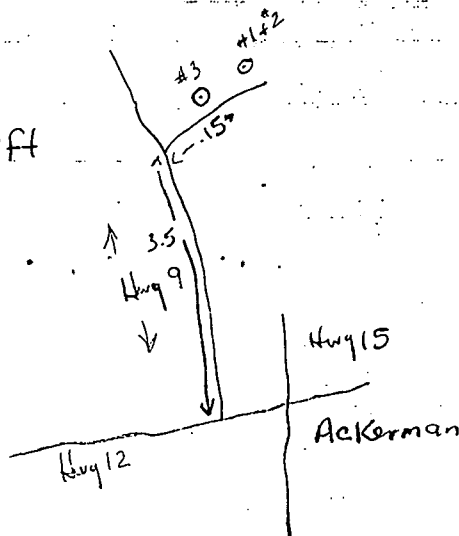
64 gpm test well

WL = 182'

pH = 6.5

Fe = .7 (lab)

$254/95 = 2.67 \text{ gpm/ft}$



DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	15
Sand	15	25
Clay Lignite	25	160
Clay, Sand, Lignite	160	290
Rock	290	291
Tight Sand & Clay	291	336
Rock	336	337 1/2
Tight Sand & Clay	337 1/2	378
Good Sand	378	430
Clay	430	442

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Choctaw</b>		PERMIT NUMBER
WELL NUMBER <b>3 D 30</b>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
DATE WELL COMPLETED <b>11/20/90</b>		<b>Shannon, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Reform Water Association</b>			
<b>Rt. 2, Box 295</b>			
<b>Mathiston, MS</b>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<b>36</b>	<b>18</b>	<b>N 10 E</b>	
DISTANCE	DIRECTION	NEAREST TOWN	
<b>4</b> Miles	<b>North</b>	of <b>Ackerman</b>	
OTHER LANDMARK <b>Municipal</b>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <b>30 HP</b> <u>Submersible</u> Turbine, Jet Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>254</b>	<b>12</b>	<b>315</b> FT.
PUMP TEST		
Well yielded <b>254</b> GPM with a drawdown of <b>95'</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>432</b>	<b>10"</b>	<b>392'</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel</b>	<b>440'</b>	<b>185.33</b>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing		
<b>327</b> FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): No Log Run, <u>Electric</u> Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Herndon Well &amp; Supply, Inc.</b>	

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>6"</b>	<b>41</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>SS Ribbed</b>	<b>432'</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
<div style="text-align: right; font-size: 2em; font-weight: bold; transform: rotate(-15deg);">                 232 41 391             </div>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Clay	0	15		
Sand	15	25		
Clay Lignite	25	160		
Clay, Sand, Lignite	160	290		
Rock	290	291		
Tight Sand & Clay	291	336		
Rock	336	337½		
Tight Sand & Clay	337½	378		
Good Sand	378	430		
Clay	430	442		
<div style="font-size: 3em; font-weight: bold; opacity: 0.5; transform: rotate(-10deg);">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">DEC 20 1990</div> <div style="font-weight: bold; margin-top: 10px;">Department of Natural Resources Bureau of Land &amp; Water Resources</div>				
IF MORE SPACE IS NEEDED, USE BACK				



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 10/29/96

UNIT DEQ #: 82859 FILE #: B102922A

HEALTH DEPT. #: 100007-03 ELEV. \_\_\_\_\_

USGS #: D36 OLWR #: GW12750

OWNER: Reform Water Assoc. QUAD: Ackerman

LOCATION: SE-SE S 36 T 18N R 10E COUNTY: Choctaw

LOCATION DESCRIPTION: In Fence on NW side of Y. Rd .15 mi. NE of  
Intersection with Hwy 95 (Reform)

CASING DIA: 10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 33° 22' 22.5" LONG. 89° 11' 42.4"

GPS CORRECTED LOCATION: LAT. 33.37310487 LONG. 89.19495740

REMARKS: GPS at well  
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